

CITY OF BURBANK

TEST TECHNICIAN SUPERVISOR

DEFINITION

Under direction, to plan and supervise the work of crews engaged in the field and laboratory testing of electrical, electronic, and communication equipment and materials used within an electric and water utility; to do related work as required.

ESSENTIAL FUNCTIONS

Supervises, trains, and evaluates assigned personnel in the inspection, testing, calibration, and repair of a variety of electrical, electronic, and fiber optic equipment and materials in power generating plants, transmission receiving stations, underground and overhead distribution system/stations, and customer's premises; schedules and assigns crews; trains personnel in proper safety procedures; maintains records; prepares written reports; assures needed materials are available for jobs and prepares requisitions; prepares estimates, makes sketches and drawings; designs and builds special test devices; diagrams changes in control and relay circuits of new equipment; obtains working clearance and puts into operation proper safety devices and procedures; supervises employees performing, and at own discretion may perform, high potential insulation tests, power plant and generator start-up efficiency tests, tests on energized equipment at voltages up to 70,000 volts for phasing of equipment, acceptance and performance tests on new electrical equipment; investigates problems and advises consumers on questions regarding service connections, voltage, and load conditions; installs commercial and industrial devices; tests rubber safety devices; calculates efficiency of distribution transformers; devises and implements new and improved methods of testing to meet changing technological requirements; develops schedules for the routine testing of equipment; drives on City business.

MINIMUM QUALIFICATIONS

Employment Standards:

- Knowledge of - principles of electricity, electronics, mathematics, and the characteristics of electrical and electronic equipment; electrical, electronic, and fiber optic test techniques and procedures; safety practices and procedures and basic first aid; principles of supervision.
- Skill in - effectively conducting electrical, electronic, and fiber optic testing.
- Ability to - read wiring and schematic diagrams; use varied electrical, electronic, and fiber optic testing instruments and equipment; lead and direct the work of others; establish and maintain effective working relationships with supervisors, fellow employees, and the public.

Education/Training: Four years of journey level experience as a Test Technician.

Special Conditions & Requirements: Employees in this classification will be required to comply with the American National Standards Institute's requirements on Practices for Respiratory Protection.

License & Certificates: A valid California Class "C" driver's license or equivalent at time of appointment.

SUPPLEMENTAL INFORMATION

Desirable Qualifications: Experience in a power utility.